

# MONUMENT RECORD

Corner ID: InCr\_C25

South 1/4 Corner

Section 31-T07N-R02W, 2<sup>nd</sup> P.M.

Indian Creek Township, Monroe County, Indiana



## EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

### ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F\_EV02P264**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<b>W.Oak</b>	<b>24"</b>	<b>S 50° E</b>	<b>16.5'</b>
<b>Walnut</b>	<b>20"</b>	<b>N 47° W</b>	<b>15.8'</b>

Notes:

### SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **10/9/1846** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, page 087**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<b>None</b>			

Notes: **Spencer measured to this corner, but did not describe the monument or take new bearing trees.**

**SURVEY EVIDENCE FOUND:** Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/21/2022** By: **RSO & PMO** Monument Found: **Utt Rebar** BTs or Reference Objects Found: **None** Notes: **None**

**OTHER SURVEY HISTORY:** Include details such as surveyor name, date, recording info, monument description, etc.

**The rebar was set by Lee Utt in 1997 as shown on a survey of 71.69 acres in Section 31 dated 3/25/1997. The survey is filed in the Monroe County Auditor's Office and a digital copy is available from the Monroe County Surveyor as RSID 002089. Utt established the corner at the record original survey distance of 2640 feet from the Southeast corner of Section 31.**

## PERPETUATION RECORD

**MONUMENT:** Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

**A 5/8" rebar with a yellow cap stamped "UTT S-0089" was found 2" above grade next to a steel t-post. We replaced the plastic Utt cap with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR S31 + S1/4 21100022". The top of the cap is flush with grade.**

**OTHER EVIDENCE:** Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

**From the southwest corner of the mowed field behind the house at 9828 S Wever Road, follow a new logging road westerly for approximately 1700 feet. The rebar is in line with closely spaced t-posts to the east and west.**

**THEORY OF LOCATION:** Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

**Lee Utt set this corner at the record original survey distance of 2640 feet from the Southeast corner of Section 31. The rebar was accepted as the best evidence of the corner.**

## UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **20.54 feet due to the difference between the measured distance to the North 1/4 Corner of Section 6-T6N-R2W and the record distance calculated from the original survey notes.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

**MONUMENT PRESERVATION:** Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY

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MARKER” sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

*A steel t-post was set 0.4 feet south of the rebar with a Monroe County Survey Marker sign attached 3.5 feet above grade.*

**GEODETIC COORDINATES:** Northing: 1364000.94', Easting: 3068427.87'

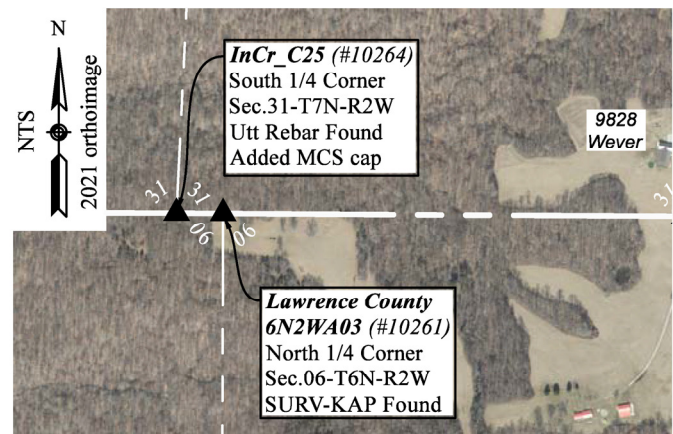
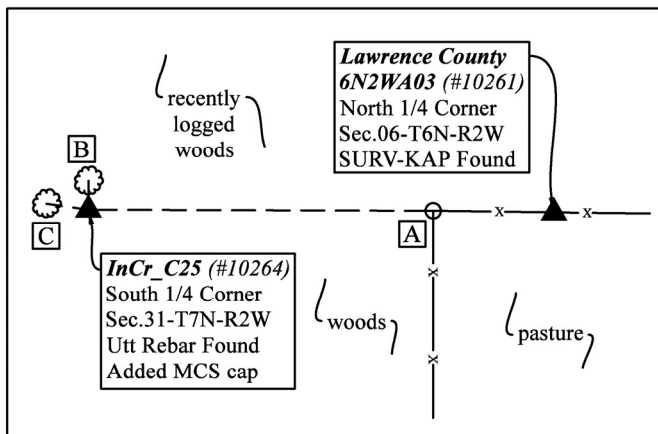
**BASIS OF GEODETIC COORDINATES:** Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b\_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

**WITNESS MONUMENT TIES:** Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12” above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4”. BT description should include tree species, diameter at 4.5’ above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
#10261	S 89°36'43" E	242.14'	SURV-KAP aluminum monument found flush at the North 1/4 Corner of Section 6-T6N-R2W, Lawrence County Corner ID 6N2WA03
A	S 90° E	179.3'	6” cedar fence post with wire fence to the east and south
B	N 0° W	14.8'	2” mag nail and orange flagging set in hack mark 12” above grade on the west side of a 12” dbh maple
C	N 82° W	22.0'	2” mag nail and orange flagging set in hack mark 6” above grade on the south side of an 8” dbh maple

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. #10261 and Witness A were measured with RTK.*

**MONUMENT LOCATION SKETCH:** Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



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**PHOTO IDENTIFIED:** Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/21/2022**



Photo Orientation & Description: **Rebar at C25**



Photo Orientation & Description: **Looking south at C25**

## FIELD PERSONNEL:

Field Date: **3/21/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **44** Notes: **None**

## CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

*Rachel Oser*



Seal:



*This document is not complete without the associated plat and report of even date.*

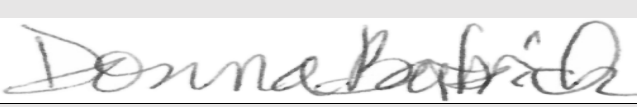

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**OFFICE USE ONLY**

<b>NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:</b>			
Offeror Name: <b>Rachel Savich Oser</b>		Firm Name: <b>Oser Surveying &amp; Mapping LLC</b>	
Phone: <b>812-320-2694</b>		Email: <b>Rachel@OserSurveying.com</b>	
Corner Classification: <b>Perpetuated</b>		Corner Coordinate Status: <b>Survey Grade</b>	
Issue Date: <b>2/23/2022</b>	Form Due Date: <b>3/31/2022</b>	Form Receipt Date: <b>7/27/2022</b>	
Recorded Instrument Number of Associated Corner Perpetuation Survey: <b>2022010375.IN</b>			

<b>COUNTY SURVEYOR APPROVAL:</b>		Seal:
<input checked="" type="checkbox"/> Yes, Signature: 	Date: <b>9/27/2022</b>	
<input type="checkbox"/> No, reasons for denial		

<b>SURVEYOR REVIEW BOARD APPROVAL:</b>		Seal:
<input checked="" type="checkbox"/> Yes, Signature: 	Date: <b>9/27/2022</b>	
<input type="checkbox"/> No, reasons for denial		